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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/808,934	03/15/2001	Yigang Cai	17-1-2-1-1	4804

7590 06/16/2005
Docket Administrator (Room 3C-512)
Lucent Technologies Inc.
600 Mountain Avenue
P.O. Box 636
Murray Hill, NJ 07974-0636

EXAMINER

LE, KAREN L

ART UNIT PAPER NUMBER

2642

DATE MAILED: 06/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/808,934

Applicant(s)

CAI ET AL.

Examiner

Karen L. Le

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 2/14/05.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-19 is/are allowed.
- 6) ☒ Claim(s) 1-13 and 20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Objections

1. Claim 1 is misdescriptive because it refers to a SCP in preamble, while there is no SCP recited in the body of the claim.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-13 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Casile et al. (U. S. 6,769,026) in view of Williams et al (U.S. 6,226,289).

Regarding claims 1 and 20, Casile teaches a method for communicating between a service control point (SCP) (SCP 140, Fig. 1), a service switching point (SSP) (SSP 110, Fig. 1) and an external Intelligent Peripheral (IP) (Fig. 1, item 160), comprising the steps of: establishing a connection between the SSP and the external IP; and while the connection between the SSP and the IP exists, transporting an Intelligent Network Application Part (INAP) operation inside a pass along message between the SSP and

Art Unit: 2642

the IP (Col. 4, lines 43-44); in response to INAP operation inside said pass along message, performing the INAP operation by the IP (Col. 4, lines 36-39). Casile does not teach the pass along message includes a first part of fixed length and a second part of variable length, the first part defining a type of message of the second part. However, Williams teaches pass along message includes a first part of fixed length and a second part of variable length, the first part defining a type of message of the second part (Col. 6, lines 41-44). Williams teaches routing selected calls through an intelligent switched telephone network. ISUP is the most common inter-exchange routing protocol used in the telephone network. Five ISUP messages are required for most call handling. A message type which indicates the type of ISUP message being sent and details about the call are contained in the mandatory Fixed part, a mandatory variable part and an optional part. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate Williams' feature into Casile's system to have the pass along message includes a first part of fixed length and a second part of variable length, the first part defining a type of message of the second part.

Regarding claim 2, Casile teaches the pass along message can be sent in either direction to transfer information (Fig 1, item between 160 and 110).

Regarding claim 3, Casile does not teach the first part is one byte in length. However, it is inherent that the fixed length is just a matter of choice. Thus, it would have been obvious to

Art Unit: 2642

one of ordinary skill in the art at the time the invention was made to choose one byte length for best interest of manufacture or customer.

Regarding claims 4 and 5, Casile does not teach a format of the pass along message to include an optional part of variable length from two to two hundred fifty seven bytes and using bytes between numbers two hundred one and two hundred fifty seven of said pass along message for transferring the INAP operations. However, it is inherent that variable length can also be choose from various options. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to choose from two to two hundred fifty seven and use bytes between numbers for best interest of customer or manufacture.

Regarding claim 6, Caisile teaches said INAP operation transferred is a play annnotmcement (PA) operation (col. 1, lines 53-38).

Regarding claims 7, 8 and 9, Caisile teaches said INAP operation transferred is a prompt and collect user information (PCUI) operation, a return report (RR) operation, and a specialized resource report (SRR) operation (Col. 6, lines 10-16).

Regarding claim 10, Caisile teaches the SSP receives a play announcement operation from a transaction capability application part message sent from the SCP and puts said transaction capability application part message into an optional part of a pass along message (Col. 4, lines 41-43) .

Regarding claim 11, Caisile teaches the SSP receives a play announcement operation from a transaction capability application part message sent from the SCP and puts said

Art Unit: 2642

transaction capability application part message into a user to user information parameter of a call progress message (Col. 4, lines 12-24).

Regarding claim 12, Caisile teaches the SSP receives a prompt and collect user information operation from a transaction capability application part message sent from the SCP and puts said transaction capability application part message into an optional part of a pass along message (Col. 4, lines 12-24).

Regarding claim 13, Caisile teaches the SSP receives a prompt and collect user information operation from a transaction capability application part message sent from the SCP and puts said transaction capability application part message into a user to user information parameter of a call progress message (Col. 4, lines 12-24).

Allowable Subject Matter

4. Claims 14-19 are allowed.

Response to Arguments

5. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Art Unit: 2642

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

7. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

Hand-delivered responses should be brought to

Crystal Park II, Sixth Floor (Receptionist)

2121 Crystal Drive

Arlington, VA 22202


Art Unit: 2642

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen Le whose telephone number is 703-308-4998. The examiner can normally be reached on Monday - Friday from 8:30 A.M. to 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4750.

Karen Le
KLL
June 13, 2005


AHMAD F. MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2700